

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-21. (Canceled)

22. (Currently Amended) A device Deviee for [[a]] temperature control in an aircraft cabin including a first temperature area (104), the device comprising:

a first supply control arrangement for controlling a [[the]] supply of heated air from a first source of heated air into the [[a]] first temperature area (106) of the aircraft cabin (104), the first supply control arrangement including an air intake connected to the first source, an air outlet connected to the first temperature area, an air duct connected to the air intake and the air outlet, and a valve arrangement disposed proximate to the air outlet, wherein the valve arrangement operates to control a flow rate of heated air in the air duct based solely depending on a specified first temperature for the first temperature area, and

a first pressure control arrangement (176) for controlling the supply a current pressure of heated air supplied from the first source into the first temperature area, the first pressure control arrangement controlling a pressure of heated air in the air duct based on a detected pressure in the air duct and in the first supply control arrangement in the event of a malfunction of the first supply control arrangement depending on the specified first temperature,

wherein the first pressure control arrangement only operates to control the supply of heated air when the valve arrangement of the first supply control arrangement is not functional.

23. (Currently Amended) The device Device according to claim 22, comprising wherein the aircraft cabin includes a second temperature area, the valve arrangement of the first supply control arrangement operates to control a flow rate for controlling the supply of heated air in the air duct from the first source into the [[a]] second temperature area based solely (108) of the aircraft cabin (104) depending on a specified second temperature for the second temperature area, and the first pressure control arrangement operates to control the (176) for controlling a current pressure of heated air in the air duct based on the detected pressure in the air duct and supplied from the first source in the first supply control arrangement in the event of a malfunction of the first supply control arrangement depending on the specified second temperature.

24.-26. (Canceled)

27. (Currently Amended) The device Device according to claim 23 [[26]], wherein the air outlet comprises at least two air outlet ducts corresponding to respective (142 156, 212 226), which are associated to temperature zones (110 124, 194 208) of the first and second corresponding temperature areas area.

28. (Canceled)

29. (Currently Amended) The device Device according to claim 27 [[28]], wherein the valve arrangement comprises valves (138 172, 228 242) for the temperature dependent supply of heated air to the corresponding temperature area (110 124, 194 208), which valves (142 156, 212 226) are disposed in each of the corresponding air outlet ducts, the valves operative to

control the flow rate of heated air in the air duct (142–156, 212–226) of the corresponding temperature area (106–109).

30. (Currently Amended) The device Device according to claim 22, further comprising:
a controller connected wherein an operating status detecting arrangement is associated to
the first supply control arrangement for detecting a non-functional current operating status of the
valve corresponding supply control arrangement.

31. (Currently Amended) The device Device according to claim 22, further comprising:
a pressure detecting arrangement disposed in the air duct and configured to detect (177,
179) for detecting a current pressure in the air duct corresponding supply control arrangement,
which pressure detecting arrangement (177, 179) is connected to the pressure control
arrangement (176, 178) and is disposed in the corresponding supply control arrangement.

32. (Canceled)

33. (Currently Amended) The device Device according to claim 22, wherein the supply
control arrangement further comprises a shut-off arrangement operating (190, 192, 246, 250) in
order to prevent airflow in an upstream in the direction from the first corresponding
temperature area to the first source corresponding pressure control arrangement (176, 178).

34. (Currently Amended) A method Method for controlling temperature in an aircraft cabin including a first temperature area and an air duct, wherein the method comprising:
controlling a [[the]] supply of heated air from a first source of heated air through the air duct and into the [[a]] first temperature area of the aircraft cabin with a valve arrangement operating to control a flow rate of heated air into the first temperature area based solely is controlled depending on a specified first temperature for the first temperature area, and
controlling the supply in the event of a malfunctioning air supply control in the first temperature area, a current pressure of heated air supplied from the first source into the first temperature area based on a detected pressure of the heated air in the air duct and is controlled depending upon the specified first temperature, when the valve arrangement is not functional.

35. (Currently Amended) The method Method according to claim 34, wherein the aircraft cabin includes a second temperature area, and the method further comprises:
controlling a [[the]] supply of heated air from the first source through the air duct and into the into a second temperature area of the aircraft cabin with the valve arrangement operating to control a flow rate of heated air into the second temperature area based solely is controlled depending upon a specified second temperature for the second temperature area, and
controlling the supply of heated air from the first source through the air duct based on the detected pressure in the air duct and in the event of a malfunctioning air supply control in the second temperature area, a current pressure of heated air supplied from the first source is controlled depending upon the specified second temperature, when the valve arrangement is not functional.

36. (Currently Amended) The method Method according to claim 35 [[34]], wherein the aircraft cabin includes a third temperature area, and the method further comprises:

controlling a [[the]] supply of heated air from a second source of heated air through the air duct and into the into a third temperature area of the aircraft cabin with the valve arrangement operating to control a flow rate of heated air into the third temperature area based solely is controlled depending upon a specified third temperature for the third temperature area, and controlling the supply of heated air from the second source through the air duct based on the detected pressure in the air duct and in the event of a malfunctioning air supply control in the third temperature area, a current pressure of heated air supplied from the second source is controlled depending upon the specified third temperature, when the valve arrangement is not functional.

37. (Currently Amended) The method Method according to claim 36, wherein the aircraft cabin includes a fourth temperature area, and the method further comprises:

controlling a [[the]] supply of heated air from the second source through the air duct and into the into a fourth temperature area of the aircraft cabin with the valve arrangement operating to control a flow rate of heated air into the fourth temperature area based solely is controlled depending upon a specified fourth temperature for the fourth temperature area, and controlling the supply of heated air from the second source through the air duct based on the detected pressure in the air duct and in the event of a malfunctioning air supply control in the fourth temperature area, a current pressure of air supplied from the second source is controlled depending upon the specified fourth temperature, when the valve arrangement is not functional.

38. (Canceled)

39. (Currently Amended) The method Method according to claim 34, wherein the first air supply is brought about into temperature zones of the corresponding temperature area further includes a plurality of temperature zones, and the air duct further includes a plurality of air outlet ducts configured to deliver the controlled supply of heated air into each of the plurality of temperature zones.

40. (Currently Amended) The method Method according to claim 34, further comprising: monitoring the valve arrangement with a controller configured wherein the air supply control is monitored in order to detect a non-functional valve arrangement malfunctioning air supply control.

41. (Currently Amended) The method Method according to claim 34 [[35]], further comprising: detecting the pressure in the air duct wherein a current air pressure is detected for the purpose of heated air supply control.

42. (Currently Amended) The method Method according to claim 34 [[35]], further comprising: wherein replacing in the event of a malfunctioning supply control of heated air from the first source and/or a malfunctioning control of the pressure for air supplied from the first source, the supply of heated air from the first source with is at least partly replaced by a supply of heated air from a [[the]] second source when the first source is not functional, and ,or

replacing the supply of heated air in the event of a malfunctioning supply control of air from the second source and/or a malfunctioning pressure control for air supplied from the second source with [1,] the supply of air from the first second source when the second source is not functional is at least partly replaced by a supply of air from the second source.